MISSOURI BOTANICAL GARDEN

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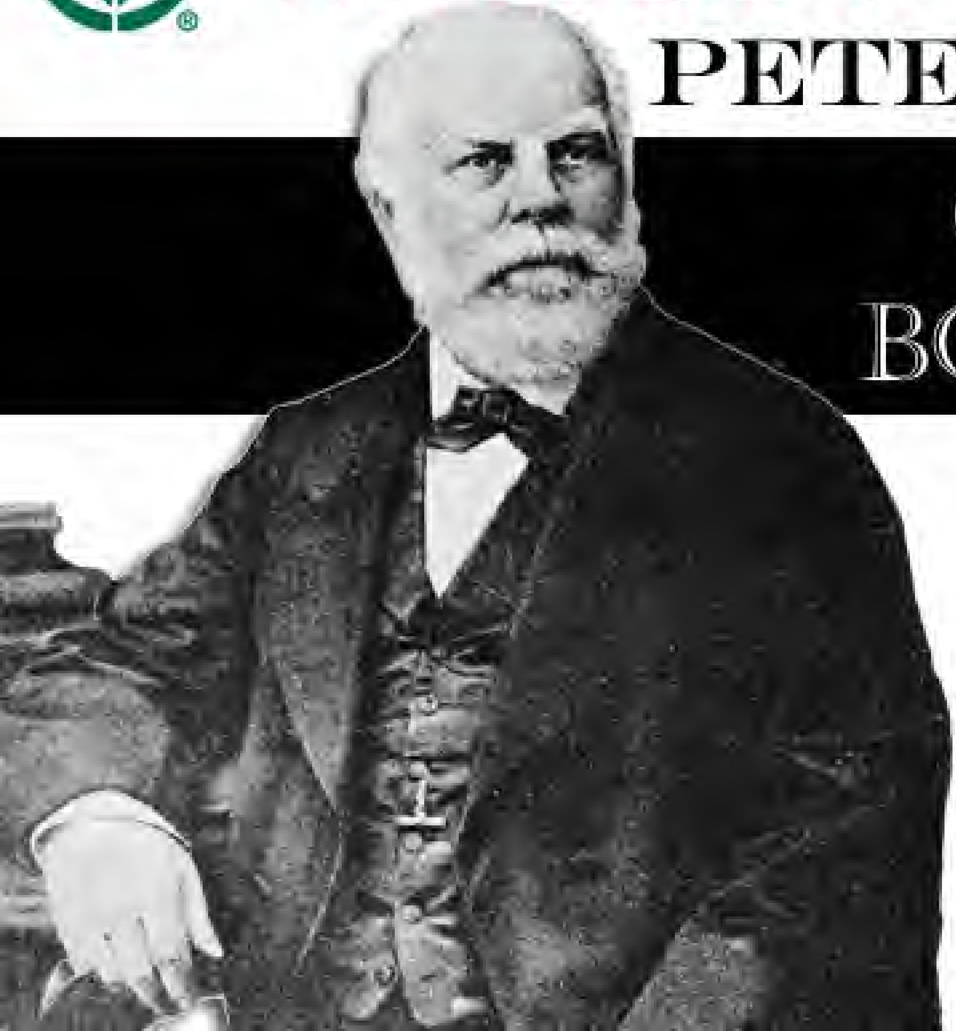

# GEORGE ENGELMANN BOTANICAL NOTEBOOKS

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~~acrispina (Mam) Stieb. N. B. Z. 1852. 81. (spele. acrispina)~~ Mex.

adunca (Mam) Scheidw in litt. = uncinata Zucc. ex Salm p. 16

adustus (Echinocer.) Engelm in Wisliz. Mem 1848 note 29. Walp. Ann. 3. 869 Chihuahua
= ——— (Cereus) Engelm Pl. Fendl. 1849. p. 50 note. Salm 42 & 191
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Aethiops (Cer.) Haw. Phil. Mag. 1830 p. 109 = Cer. coerulescens
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affinis (Cer) Hort Berol (nom in V. S gov. 6. 432 (1830) Brasilia
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——— (Cer) Hort. = Cer variabilis, Pfeiff ex Lab. 376

——— (Mam) DC. Mem. p. 11 t. 6 (1834) Pfeif. en. 11 Foerst. 215. Mexico
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agglomeratus (Echinocact) Karwinski ap. Zucc. pl. n. 3. 126 (1837) Mexico
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——— (E.) Hort = E. spiralis. Karw. fide Pfeiff. 60

aggregata (Mam) Engelm in Emory Rep. 1848 c. fig. 1 p. 155 Nw. Mex.
= Cerei spec. (enneacanthus?)

Alacriportanus (Cer) Hort. Monac. ex Pfeiff. en. 87 Brasilia
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alatus (Cact.) Swartz Fl. Ind. occ. 2.878 (1800) Jamaica
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= albatus (Echinocact.) Muehlenpf. Allg. G. Z. 1846 p. 170. Walp. Ann. 1. 333 Mexico
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albicans (Op.) Salm. H. D. 1834 p. 361. Pfeiff. en. 155. Mexico
Walp. Rep. 2. 349. Foerst. 486. Salm H. D. 1850. 67. 237. Lab. 664

albida (Mam.) Haage ex Pfeiff. en. 28 (1837) Walp. Rep. 2. 289 Mexico
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albisetosus (Cer.) Haw. suppl. (1819) 77. DC. Prod. 3. 468 Haiti
Pfeiff. en. 115. Walp. Rep. 2. 336 = grandiflorus ??

albispinus (Cer.) Salm obs. bot. 1822. p. 5. DC. Prod. 3. 465 Amer. aust.
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ambiguus (Cact) Bonpl. desc. pl. rar. Malmaison 1813. t. 36
= —— (Cer) DC. Prod. 3. 467. Pfeiff. en. 104. Walp. Rep. 2. 334.
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amphimelaena (Mam) Stieber in N. Blum.Ztg. 1851. 257; 1853 89 Mex

Amyclaea (Op.) Tenore Flor Neapol. app. 5 (1826) p. 15. DC. Prod 3. 474 Itali
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| anguinea (Mam) Otto ex Salm (1850) 12.101 Labouret 69 | Mexico |
| anguiniformis (Cer) Stieber i N. Bl. Ztg 1852 p. 138 | Mexico? |
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| angulosus (Cer) Stieber i N. Bl. Ztg. 1854. 105 | Mex.? |
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arachnoideus (Echinocact) Scheidw. in Bull. Brux. 6.2. p.4 Mexico
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arborescens (Op.) Engelm. Wisl Rep. 1848. note 5 Walp. Ann 3, 896 N. Mexic.
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armatus (Cer) Otto, ex Pfeiff. en. 1837 p. 81. Walp. Rep. 2. 326 St Thomas
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= ——— (Mam) Zuccarini Pl. nov ....

assurgens (Cer) Wright in Griseb. Catal Pl. Cub. (1866) p. 116 Cuba

Asterias (Echinocact) Karwinski ap. Zucc Pl. nov. V. 1845 p. 13 t. 3 Mexico
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asteriflora (Mam) Monv. Cat. 1846 = M. Asterias ex Lab. 132

ater (Cer) Muhlenpfordt, Weber in litt
= Thurberi

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atrata (Mam) Hort. Mack ex Hook. bot. mag. t. 3642. Walp. Rep. 2. 295 Chili
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atrata (Mam) Hort. = M. rhodantha fide Pfeiff. 31 Lab. 45.

atrorubra (Mam) C. Ehrenb. A. Gart. Ztg. 1849. p. 327 Walp. Ann. 2. 679 Mexico

atrosanguinea (Mam) C. Ehrenb. A. G. Z. 1849. 270 Walp. Ann. 2. 677 Mexico

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aulacothele (Mam) Lem. Hort Monv. 1838 p. 8 · Walp Rep 2. 302
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——— var sulcimamma Pfeiff. G. Z. 6. 274 Walp. Rep. 2. 302

aurantiaca (Op) Gillies in Lindl. Bot reg. t. 1606 Allg. G. Z. 1833, 349 Chili
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auricoma (Mam) Ehrenb. in A. G. Ztg. 1849. 295 = M. Hermanni var
ex Salm. 8 — Mexico

aurorea (Mam) Ehrenb in A. G. Ztg. 1849. 303 Walp. Ann. 2. 678 — Mexico

autumnalis (Mam) Dietr. Allg. G. Ztg. 1848. 297. Salm 16. 119
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azureus (Cer) Parment. ex Pfeiff. en. (1837) 86 Walp. Rep. 2. 328 — Brazilia
Foerst. 381 Salm. 45 Labouret 340.

Badispina (Mam) Foerst in Hort. Haage 1860 p. 2
Baldami (Mam) Stieber in N. Blum. Ztg. 1851. 257 ; 1853. 89. — Mex
barbata (Mam) Engelm. Mem. Wisl. (1848) note 34 Salm 7. 82 — Mex. sept.
Walp. Ann. 3. 894 Eng. Syn. 5 Eng. Cact. Mex Bound $^{64}$ t. 6 f. 9–12
Walp. Ann. 5. 24 Eng. in St Louis Transactions 2. 201.

barbatus (Cer) Willd. = C. floccosus H. Ber. ex Foerst 383

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| | |
|---|---|
| basilaris (Op.) Engelm & Bigel. Cact. Whipp. 43 t. 13 f. 1-5. t. 23 f. 14 (1856)<br>Cact. Mex. Bound. 52. Syn. Cact. 42. Walp. An. 5. 52. Lem. | Arizona |
| Baumanni (Cer.) Hort Paris, Muhlenpf. in Allg. G. Ztg. 1848. p. 11<br>Salm 50. 214. ~~Lab~~ Lab. 379 | Peru<br>Buenos Ayr<br>(Lab) |
| Baxaniensis (Cer.) Karw. ap. Pfeiff. enum. 1837. p. 109<br>Walp. Rep. 2. 335 Foerst. 106 Salm 49 Lab. 374 | Cuba<br>Mexico<br>(Lab) |
| Baxanus Karw. ap. Zucc. Pl. nov. 3. 134 est idem | |
| bellatula (Mam) Foerst. A. G. Z. 1847. 50 Walp. An. 1. 330 N. Bl. Z. 1853. 89 | Mexico |
| belonoides (Mam) Stieber N. Blum Ztg 1851. 266; 1853. 89 | Mexico |
| Beneckei (Mam) Ehrenb. Bot. Ztg. 2. 833 A. G. Ztg. 1844. 401.<br>Walp. Rep. 3. 811. Foerst. 210.<br>= ? M. Goodridgei Salm 10. 91 Lab. 32 | Mexico |
| Beneckei (Cer.) Ehrenb. Bot. Ztg. 2. 835 A. G. Ztg. 1844. 402 1845. 355<br>Walp. Rep. 3. 819. Linnaea 19 (1847) 341. 347. – Salm 48. 209<br>= Cer farinosus ex Foerst. 396. La Lab. 367 | Mexico |
| Bergenii (Mam) Ehrenb. A. G. Ztg. 1849. 326 Walp. An. 2. 679 | Mexico ? |
| Bergii (Mam.) Miq. Com. phyt. 3 (1840) 104 Walp. Rep. 2. 293 | Mexico |
| Berlandieri (Cer) Engelm Cact Mex Bound 38. 76. t. 58 (1859)<br>Syn. Cact (1856) 30 ~59 Walp Ann 5. 46 | Texas |
| Berteri (Echinocact) Colla . . . Gay Flor Chil 3, . . . . | Chili |
| Bertinii (Echinocereus) Cels . . . . | Patagonia |
| Besleri (Melocact) Link & Otto dissert. 1827 p. 11 t. 21<br>(in ~~Verhand~~ Verh. d. G. B. V. 3. 420) Miq. Meloc. 131. t. 4 f. 2<br>= discoractus (Pfeiff. Suhr) Walp. An. 2. 305. | Brasilia |

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| | |
|---|---|
| bicolor (Cactus) Berlandier Memorias de la Comision, Matam. 1832<br>= Ech. setispinus Eng. | Mex. sept. |
| bicolor (Echinocact) Galeotti mss. Pfeiff. Abb. 2. 25 (1849?)<br>Salm 35. 173. Lab. 259.<br>var Pottsii, Salm 173. var<br>var Schottii Engelm. Synops 21 Cact. Mex Bound. 27 Walp. An 5. 41. | Mexico |
| bicolor (Mam) Lehm. Delect. sem. Hamb. 1830. Linnaea 6. 11<br>Pfeiff. 27. Walp. Rep. 2. 289 Foerst 197 Pfeiff Abb. 1. 3 Salm 9. 89<br>Poselger in Allg. Gart Ztg 1853. p. 94 (Eng. Syn. Cact. 7. Trans Ac St Louis 2. 202) Lab. 57 | Mexico |
| biformis (Cer) Lindl. Bot. reg. 16 pl. misc. 66 (1843)<br>= —— (Disocactus) Lindl. Bot. reg. 18. t. 9 (1845) Foerst. 442<br>Walp. Rep. 5. 817, 6. 773 Salm 57. 227. Lab.<br>= —— (Phyllocactus) Labouret. 418 (1853) | Honduras |
| bifrons (Cer) Haw. suppl. 76 = Cer. speciosissimus fide DC. Prod.<br>= Cer coccineus Salm, fide Pfeiff. 122 Salm 53 | |
| bifurca (Mam) Dietr. in A. G. Ztg. 1850. 188. Walp. Ann 2. 680 | Mexico |
| Bigelovii (Op.) Engelm Cact. Whipple 50 t. 29 (1856) Synops. 51<br>Walp Ann. 5. 56. Bot Calif 2. 450. | Arizon |
| biglandulosa (Mam) Pfeiff in A. G. Z. 1838. 274 Walp. Rep. 2. 302<br>Foerst. 245. 518 = M. Clava, var, Salm 19. | Mexico |
| bihamata (Mam) Otto nom. ap. Foerst. 254 | |
| bihamata (Mam) Pfeiff. in A. G. Ztg. 1838. 274 Walp. Rep. 2. 298<br>= M. uncinata ex Foerst 223 Salm 16 | Mexico |
| binops (Mam) Haage nom. ap. Foerst. 254 | |
| Blankii (Cereus) Poselg. Allg. G. Ztg. 1853. 134 | Mexico sept. |

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Bleo (Cactus Pereskia) H.B.K. n.g.sp. 6.69 (1823) Kunth Syn. 3.372 — Mexico
(P) DC. Prod 3.475 Pfeiff. 176 Walp. Rep. 2.356 Bot. reg. 1473 Bot Mag. 3478 — N. Granada
Foerst. 514 Pfeiff. Abb. 1. t. 30 Salm 76 . Lab 504

Bleo ? (Cact) Torrey Ann. Lyc. N.Y. 2.202 = Op. arborescens Engelm.

Bocasana (Mam) Poselg A.G.Z. 1853. 94 — Mexico

Bockii (Mam) Foerst. A.G.Z. 1847. 50. Walp. An. 1. 330 Stieber in N. Blum. Ztg 1852 65 — Mexico

Boeckmanni (Cer) Otto Salm. H.D. 1850 . 51. 217
Boehmii (Mam) Stieber N. Blum. Ztg. 1851. 265 — Mexico
Boliviana (Mam) Salm in A.G.Z. 1845. 388 Walp. Rep. 3. 821 — Bolivia
Salm. 71. 245

Bolivianus (Echinocact) Pfeiff. Abb. 2.14. note & Bot Ztg 5. 1847. 374 — Bolivia
Walp Ann. 1.333 = E. echinoides ex Pfeiff. Abb. 2. 29

Bonariensis (Cer) Hort. = C. Macriportanus ex Foerst. 388

Bonplandii (Cact, Opunt) H.B.K. n. gen. sp. 6.69 (1823) — Quito
Kunth syn 3. 372 = Op. Tuna ex DC. Prod 3. 472 & Salm 66

Bonplandii (Cer) Parm. ap. Pfeiff en. 1837. 108 Walp. Rep 2. 335 — (Brasil. Rep. Argent.
Foerst. 404 Salm 48 Lab. 372

Boutillieri (Echinocact) Parment = Echinopsis Schelhasii
ex Salm 38

Bowtrianus (Cer) = Cer speciosissimus var. s. hybr ex Salm 53

brachiata (Rhips) Hook bot Mag 4039 (1843) Walp — Bonaria
= Rh. Saglionis ex Walp. Rep. 2. 936 & Salm 61
brachiatus (Cer) Galeotti ex Salm H.D. 1850. p. 44. 195 — Mexico
Lab. 328.

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brachyarthra (Op.) Engelm & Bigel Cact. Whipp. 1856. 47. t. 12 f. 9. N. Mexic
Engelm syn 46 Walp. Ann 5. 54

brachycentrus (Echinocact) Salm H. D. 1850. 31. 160. fl. in N. Bl. Zg. 1853. 114

Bradypus (Cact) Lehm. ind. sem. Hamb. 1826. 17 & Act. Nat Cur. 1833
p. 315 t. 12 = Cer. senilis ex DC. Prod 3. 464

Brandii (Cer) Hort. Angl. = C. variabilis var. ex Salm. 19

Brasiliensis (Cact) Willd. en. suppl 33. (1813) Brasilia
= ——— (Opunt) Haw suppl 17 (1819) DC Pr. 3. 474 DC Rev. 73
Pfeiff. 168 Walp. Rep. 2. 352 Bot Mag. 3293 Foerst. 499
Pfeiff. Abb. t. 29 Salm. 74 Lab. 495

Brasiliensis (Peir.) Hort Hamb. = P. aculeata var lanceolata
ex Pfeiff. 176

Breulii (Mam) Stieber in N Blum. Ztg. 1851. 266 ; 1853. 90 Mexic
brevibarbe (Lepism) Engelm

breviflora (Eulychnia) Philippi Flor Atacam 1860 23 t. 11. a. Chili

brevihamatus (Echinocact) Engelm Cact Mex Bound (1859) 19 t. 18. 19 Texas
& Synops (1856 15 Walp An. 5. 38 = E Scheerii Salm ?

brevimamma (Mam) Zucc. ap. Pfeiff. en 1837. 34 Walp Rep 2. 291 Mexico
Foerst. 247 Salm 19. 130 Lab. 132

breviseta (Mam) Ehrenb A. G. Z. 1849. 251 Walp Ann 2. 676 Mexico

brevispinulus (Cer) Salm, Index pl. succ. 1834 p. 24 = C nycticalus

Bridgesii (Cer) Salm H. D. 1850, 48. 208 Lab 365 Bolivia

Bridgesii (Echinocact) Pfeiff. Abb. 2. 14 (1848?) Salm 26. 144 Bolivia
Lab. 176

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Bridgesii (Echinopsis) Salm H. D. 1850. 28. 181. Bolivia

Brongniartii (Mam) Hort Paris = M. microthele β. ex Salm 9

Brongniartii (Melocact) Lem. Hort Monv. 1838. p. 12 Miq. Mel. 148

Buchholzii (Mam) Stieber in N. Blum. Ztg. 1852. p. 105 ; 1853. 90 Mexico

Bueckii (Echinocact) Klein in Regel Gartenflora 8. (1859)
p. 257 t. 266

Buchholzii (Mam)

bulbispina (Op) Engelm Syn. Cact. 48. 1856 Cact Mex Bound. 55 t. 73 f. 5-6 Mexico
= O. tunicata depauperata ?

bulbosa (Op) Engelm mss. = O. fusiformis Eng. Syn 41

bumamma (Mam) Ehrenb. A. G. Z. 1849, 243 = M. elephantidens Mexico
ex Linke A. G. Z. 1850. 91 & Salm 20. vide N. Blum Ztg. 1851. 130

buxinus (Echinocact) Stieber in N. Bl. Ztg. 1854. 65

Cachetianus (Echinocact) Lem. in Cels Cat. = E. setispinus Eng ex Salm 29

caesia (Mam) Ehrenberg in A. G. Z. 1849. 251 = M. spinosissima var ex Salm 8 Mexico

caesius (Cer) Salm H. D. 1850. 47. 205. (Foerst. 394 ?) Lab 358

caesius (Cer) Pfeiff. En. 89. Walp. Rep. 2. 329 = C. Jamacaru ex
Salm in Foerst 400. Salm. 48.

caesius (Meloc) H. L. Wendland ex Miq. Mel. (1841) 184 Walp. Rep. 2. 308 Columbia
Foerst 263 ? Lab. 14.

caespititia (Mam) DC. Rev 1829. 112. Pfeiff 35 Walp. Rep. 2. 291 Mexico
Foerst. 204 Salm 10. 90 Lab 75

caespititia (Mam) Hort = M. multiceps Salm 7

caespititius (Echinocact) "Pfeiff" (ubi?) ex Foerst 283 Salm 35
= E. horripilus Lem

caespitosa (Mam) H. Berol. nomen solum ap. DC. Prod 3. 460) = M. echinata var rosa
ex Foerst p. 239

Cae

caespitosa (Op.) Rafin Atlantic Journ. 1832 No 4 p. 147 = Op. Rafinesquii Eng. Kentucky
Pfeif. en. 146 & Walp. Rep. 2. 347 falsa Nuttallio adscripta.

caespitosa (Op.) Poeppig in sched in Herbariis Chili

caespitosus (Cereus) Engelm in Bost Journ N. Hist. 1845 V. 247 Texas
(Plant Lind. I. p. 39) & ib. 1850 VI. 202 (Pl. Lindh. II). Salm 42. 191
Engelm in Cact. Whipp. p. 32. & in Cact. Mex. Bound. p. 32 t. 43. 44. & Syn. Cact. 24
Walp. Ann. 5. 43 Pl. Fendl. p. 50 in note.
—— (Echinocereus) Engelm in Wisl. Rep. 1848 note 45. Walp. Ann. 3. 896

calaina (Mam) Sieber in N. Blum Ztg. 1852 p. 97

calamiformis (Rhipsalis) Hort. = Rh. funalis Salm ex Pfeif. 135
& ex Miq. Bull. Neerl. 1838. p. 49.

calandrinaefolia (Pereskia) Hort Berol. ex Salm 76. 252
= P. Pititache Karw. ex Foerst. 511.

calcarata (Mam) Engelm in Bost Journ Nat Hist. 1850. VI. p. 195 Texas
(Plant Lindh. II) Salm 20. 131. Engelm in Cact Mex Bound 14 t. 74 f. 1
Eng. Synops. 11 Walp. Ann. 5. 37.

Californica (Op). Engelm in Emory's Report 1848. p. 157. fig 11. Arizona

Californicus (Cer) Nutt. in Torr & Gr. Fl. 1840, 1. 555 (Opuntia?) Califor

Californicus (Echinocact) Monv. ex Salm 27. 149. Lab. 199 Califor

Callicoche (Cer) Galeotti ex Scheidw. Bull Brux VI. nro 2 Walp. Rep. 2. 338 Mexico
Foerst 336 = Ech. myriostigma Salm 29

calva (Opunt) Lemaire Hort Monv. 1838 = O. polymorpha H Angl. ex F. 472
= O Turpinii var polymorpha ex Salm 71

calvescens (Cer) DC. Rev. 1829. p. 116 Pf. 89 Walp. Rep. 2. 329 cult. Mexico

calvus (Cer) Engelm ined in Gabb Cact Calif. S. Califor

| | |
|---|---|
| Camanchica (Op.) Eng. & Big. in Cact Whipp. 40 t. 9 f. 1-5 t. 22 f. 12-15. (1856).<br>E. Synops. 37. Walp. An. 5. 50 | Red River Country |
| Campechianus (Cact) Dict. Sc. nat. 6. 203. = Op. coccinellifera ex Pfeiff Ab. 1. 24<br>——— (Cact) Thierry de Men. nomen ex DC. Prod 3. 476. | |
| campylacantha (Echinopsis) Pfeiff. Abb. I. 4. in note. Walp. Rep. 2. 325<br>Salm 39. 182. Foerst. 369 Bot Mag. 4567 Lab. 305 | Mendoza |
| campylacanthus (Echinocact.) Scheidw. in Allg. Gart Ztg. 1840 p. 307 Walp. Rep. 2. 318<br>= E. macrodiscus Mart. fide Salm p. 28. Foerst. 321 | Mexico |
| Candelaber (Cereus) Weber mss | Mexico |
| candelabriformis (Op.) Hort. monac. ex Pfeiff. en. 159. Walp. Rep. 2. 350.<br>Foerst. 490 Salm. 68. 241 | Mexico |
| candelabrius (Cer.) Hort = C. tenellus Salm fide Pfeiff en. 109 | |
| candelaris (Cer) Meyen Reise 1. 447 (1834) Alg. G. Z. 1833. p. 211<br>Pfeiff En. 89 Walp. Rep. 2. 329. | Peru |
| candicans (Cer.) Gillies ex Hort Dyck 1834. p. 335. Pfeiff en. 91<br>Walp. Rep. 2. 330 Foerst. 376 Gay Flor. Chil 3 p....<br>——— (Echinocact) Hort ex Pfeiff. 91<br>β. tenuispinus Pfeiff en. 91 | Mendoza |
| candida (Mam) Scheidw Bull Brux 5. 496 Walp. Rep. 2. 297<br>= M. sphaerotricha Lem ex Foerst 91 & Salm 8 | Mexico |
| Candollii (Cer) Pfeiff in Verh d. Gart. B Ver 14. 4 (1838)<br>= Cer peruvian DC Pl. Grass t. 58 non Lin nec auct. | |
| canescens (Mam) G. A. Jacobi in Gart Ztg. 1856 p 90<br>= crucigera ? Jacobi<br>——— (Mam) Hort = M discolor Haw ex Pfeiff en 28 | Mex |

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canescens (Cact) Moc & Sess. ined. DC. Pr. 3. 459. — Mex.
——— (Mam) H. Berol. ap. DC. Pr. 3. 460 nomen solum = M grandiflora Otto
ex Pfeiff. en. 33

cantera (Mam) Haage nomen ap. Foerster. 254

capricornis (Echinocact) Dietrich in Gart Ztg 1851. 274 & Poselger ib. 1853. 107 — Mexico

Caput Medusae (Mam) Otto in Pfeiff en. 22 Walp. Rep. 2. 287. Foerst. 221 — Mexico
Salm 15. 113

Caracasana (Mam) Otto. ex Salm. 14. 107 — Venezuel

——— (Op.) Otto ex Salm 67. 238. — Venezuela

Caripensis (Cact. Cer) HBK. 6. 66 (1823) Kunth Synop. 3. 370. — Nov. Andalus.
DC. Prod 3. 467 Pfeiff en. 114. Walp Rep. 2. 336.

carnea (Mam) Zuccarini ap. Pfeiff. en. 19 Zucc. Pl. nov. 3. 116 — Mexico
Walp. Rep. 2. 287 Foerst. 220 = villifera β. carnea, Salm 16

caryrina (Mam) Stieber N. Blum Ztg. 1852. 106 ib. 1853. 97

Cassutha (Rhips) Gaertn Fruct. 1. 137 t. 28. f. 1 (1788) Haw. Syn 186 (1812) — Mexico S. America East indi etc
= Cassytha DC. Rev. 80 DC. Prod 3. 476. Pf. en. 133
var. Hookeriana DC. Prod 3. 476 Rev. 81 Pfeiff. en 134. Walp. Rep. 2. 343.
var Moriniana 〃 〃 〃 t. 21 〃 〃
var dichotoma 〃 〃 〃 〃 〃
var Mauritiana 〃 〃 〃 〃 〃
var pendula, Salm H D. 1834, 371 Salm 60
var major Salm H D. 1834 371 = Rh. floccosa Salm fide Pf. en. 134
var pilosiuscula Salm ~~1834~~ p. 228 = Rh. funalis minor fide Pf. en. 135
cassythoides (Cact) Moç & Sess. ined, fide DC Prod. 3. 476 = var Moriniana

castanaeformis (Mam) Odier in Cact H. Monv. 1846 = castanoides, Lem. fide Lab. 37
castanoides (Mam) Lem. Hort univ. Labouret 37 = M. Wegeneri Ehrenb
fide Foerst. 190, Salm 8

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castanoides (Echinocact) Cels Cat. ex Salm p. 32 & 165 ?

Cataphracta (Mam) Martius 1832 p. . . . = affinis DC. fide Pfeiffer. n. Salm 15

catapyrrha (Mam) Stieber N. Blum-Zeitg 1852. p. 89.

cathorantha (Op.) H.B. Pfeiff Salm 65 more correctly the catorantha

catocantha (Op.) Hort Berolin ex Pfeif. en. 166 Walp. Rep. 2. 352 Foerst. 498 St Thomas

caulorhizus (Phyllocactus) Lem. Jard. fleur. 1. 6 Lab. 416 ?

Cavendishii (Cer) Monv. Salm. 48 & 210 ?

Celsiana (Mam) Lem. Cact. gen. 1839. p. 41 Walp. Rep. 2 301 Foerst. 207 Salm 11 & 95 Mex

Celsiana (Opuntia) Hort. Paris, Labouret. 496

Celsianus (Pilocer) Cat. Cels. - Hort Paris Salm. 40. 185 Bolivia

Celsianus (Pilocer) Poselger coll. forma Cerei senilis

centeterius (Echinocact) Lehm . . . ex. Pfeif. en. 65 Walp. Rep. 2. 314 Brasil
Foerst. 295 Bot. Mag. 3974 Salm 33. 166 Pfeiff Abb. 1 tab 2. Regel in Gartenfl. t. 1094 May 1882

centeterius (Echinocact) Hort univ. tab — — = E. hyborentrus Lem fide Salm ap Foerst. 295

centricirrha (Mam) Lem. Cact. gen. 42 Walp. Rep. 2. 297 Foerst 230 Salm 17. 123. Mexico

centrispina (Mam) Pfeiffer in Otto Garteng. 1836. p. 258 Pfeif. en. 258 Mexico
Walp. Rep. 2. 287 Salm 16. 116 = Karwinskiana var Salm fide Foerst. 224

cephalenoplus (Melocact) Lemaire in Mus. Jard. des Plantes, Paris 1869 (planta emortua)

cephalophora (Mam) Salm . . . . . Foerst. 225 Salm 20. 137. = M. compacta Engelm Mexico

cephalophorus (Mel) Lem. nomen apud Foerst. 279

ceratistes (Echinocact) Otto ex Pfeiff. en. 51 Walp. Rep. 2.310 Foerst 288 Chile
Gay Flor Chil 3. p....

ceratitis (Echinocact) Salm 34. 167
—— — Hort. = E. Kunzii Foerst. fide Salm 167

ceratocentra (Mam) Berg in Allg. Gart. Zeitg 1840. p. 130 Walp. Rep. 2.301 Mexico
= M. erecta Schd. fide Salm 9

ceratophora (Mam) Lehm. in Otto G. Zeit. 1835 p. 228 = M. magnimamma Haw
fide Pf. 14 Salm 17

cereiformis (Pfeiffera) Salm in A. D. 1845. p. 14 Walp. Rep. V. 821 Salm 61, 231 ?
Pfeiff. Abb. 2. t. 9
= —— (Rhipsalis) Foerst. 454

cereiformis (Echinocact.?) DC. Rev. 1829 p. 115 Pfeiff. en. 68 Walp. Rep. 2. 315 Mexico

cereuscula (Rhips) Haw. phil. mag. 1830 p. 109 Pfeiff en. 137 Walp. Rep. 2. 344 Brasil
= Rh. Saglionis Lem fide Foerst 461

chalybaeus (Cer) Otto mss. (= C. polychaetus Reichenb. fide Walp. Rep. 2. 340) ?
Foerst. 382 Salm 45 & 201

chiasta (Mam) Stieb. N. Blum. Ztg. 1852. 89. 1853 97

chilensis (Cer) Pfeiff. en. 86. Walp. Rep. 2. 328. 339 Foerst 376 Salm 44. 198
Gay, Flor. Chil 3 p. . . Engelm Bot. U.S. Pacif Expl. Exp. 1.660

Chiloensis (Cer) Colla pl. rar. hort. ripul. app. 2. p. 342 (1825)
fide DC. Prod 3. 465 — Engelm Sill Journ n. ser. 17 p. march 1854 —

Chinensis (Cact) Roxb. Fl. ind. 2. 476 (1832) Opuntia quaedam

chionea (Mam) Stieber N. Blum Z. 1851. p. 242

chiotilla (Cer) Weber Mss Mex

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chirinole (Cer) Engelm in Gabb Cact. ined. Penins Calif

chloranthus (Cactus) Berlandier in Mem. de la Comision Matamoras 1832 Mex
= Mam. pusilla ?

chloranthus (Cer) Engel in Cact. Mex. Bound 29 t. 37.38. Syn Cact 22
Walp. Ann v. 42

chlorocarpus (Cact. Cer) H.B.K. nov. gen. sp. 6. 67 (1823) Kunth Synops 3. 371 Quito
(Cer) DC. Prod. 3. 461. Pfeiff. en. 96 Walp. Rep. 2. 331

chlorophthalmus (Echinocact) Hook. bot. Mag. t. 4373 Walp. Ann 2. 682 Mex
(= Cer. enneacanthus Eng ? )

chlorotica (Op.) Engelm & Big. in Cact Whipp. Exp. 38 t. 6 f. 1-3 Syn Cact 35 Arizona
Walp. Ann. 5. 49

chrysantha (Mam) Hort. Berol – apud DC. Prod. 3. 460 nomen solum Mex
Pfeiff en. 28 Walp. Rep. 2. 289 (Otto) Zuccarini pl. nov. 3. 102 (Link & Otto)
Foerst. 201 Salm. 12.

chrysomallus (Pilocer) Lem. in Van Houtte Fl. d. Serr. 3 t. 242 ad st. Mex
Walp. Ann 1. 335 Salm 40. 185. Lab. 276

ciliare, ciliatum (Epiphyll) Hort = Rhips. ramulosa fide Pf. en 130

cinerascens (Cer) DC. Rev. 1829 p. 116 Salm Dyck 1834 p. 338 Mex
Pfeiff en. 101, Walp. Rep. 2. 332. Foerst. 374 Salm 42. 188

var. crassior DC. Pfeiff. varr. Jacobi in Allg. G. Z. 1856. 113

cinerascens (Echinocact) Salm in Gart. Ztg. 1845. 387. Walp. Rep. 3. 816 Chili
Salm 26. 125 – Gay Flor Chil 3 p... Lemairio credito

cinnabarinus (Echinocact) Hook Bot Mag t. 4326, Morren Annales t. 174 Bolivia
Walp Ann 1. 334 Salm 35 & 176
—— (= Echinopsis) Salm in Allg. G. Zt 1855 p. 338 Lab. 288

cirrifera (Mam) Mart. 1832 p. 334 Pfeiff en. 13.180 Zucc pl. nov. III. 118. Mexic
Walp Rep. 2. 285. Pfeiff Abb. I. 7 Foerst 232. Salm. 18. 124.
cirrifera (Mam) Hort = M. angularis var fide Salm 18

cirriferus (Cer) Labouret 311.

cirrosa (Mam) Poselger Gart. Zeitg. 1853. 95 Mex

citrina (Mam) Scheidw. Foerst. 518

clava (Mam) Pfeiff in Gart Ztg 1840. 282 Bot Mag. 4358 Foerst. 246. 518 Mex
Salm 19. 126.

clavarioides (Cer) Catal. Cact Hort Berol. 1833 = proxime
—— (Opunt) Hort Berol. ex Pfeiff en 173. Walp Rep. 2. 353. Foerst 466. Chili
Salm 72. 247. Gay Fl. Chil 3. . .

clavata (Op) Engelm in Wisl. Rep. 1848 note 12 Pl. Fendl. p. 52. NewMex
Walp. Ann 3, 896. Salm 71. 244 Engelm & Big. in Cact Whippl. 48 tab 22 f. 1-3
tab 34 f. 6 Synops. Cact 46

clavatas (Mam) Scheidw. Bull. Brux. 2. 494 [5 2] Walp. Rep. 2. 296 Mex
= M. rhaphidacantha fide Foerst 243 Salm 19

clavatus (Cer) Otto Foerst. 391 ad C. resupinatum fide Del. 47. 240 Canary

clavellina (Op.) Engelm Cact Gabb, Calif. ined

Closiana (M) Roum in Bull Soc. Bot Franc. 2. 372 Mexic

coccinea (Op.) Hort = O. Tuna fide Pfeiff en 161

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coccineus (Cer) DC. Prod 3.469 (non Salm) = C. setaceus fide Salm H D. 1844 p. 65.
Foerst 419. Salm. 52.

coccineus (Cer) Salm ap. Pfeiff. en. 122 (non DC. Prod) Pfeiff Abb 1. 15. Mexico
Walp. Rep. 2. 338. Foerst 434 Salm. 53.

coccineus (Echinocer) Engelm in Wisl. Rep. 1848. note 9 Walp Ann 2.895 N. Mex
(Cer) Engelm Pl. Fendl. 51 Salm 42. 190 = Cer. phoeniceus Eng.

coccineus (Echinocact) Hort Berol = Ech. rhodaranthus Salm fide Pfeiff en 50.
— " "

coccineus (Cactus) Gillies in Herb Kew = Eulychnia sp.

cochenillifer (Cact) Lin sp. ed. 1. 1753. Cod Lin. n. 3587. Hook Bot Mag 2741. 2742 Amer calid
= Coccionellifera (Op.) Mill. dict. ed. 8. - no. 6. Haw. syn. 192
DC Prod. 3. 473 Reverie 68. Pfeiff. en 150 Walp. Rep. 2. 348
Foerst. 539 Pfeiff. Abb. 1. 24
= ——— (Nopalea) Salm 64
——— (Cact. Opuntia) DC. Pl. grasses t. 137 = O. Tuna fide Pfeiff.
en 161 — et = O. nigricans fide Pfeiff. en. 165
——— (Cact) Moc. & Sess ined = O. Hernandezii DC. Prod 3. 474

coerulea (Op.) Gillies .... = Op. sericea Don fide Pfeiff en. 155
Salm 72

coerulans (Mam) Dietr N. Blum Ztg 1851. 281 & 1853. 90

coerulescens (Cer) Salm H. Dyck 1834. p. 335 - Pfeif. en. 85. Walp Rep II. 328. Foerst. 381
Bot mag. t. 3922 Pfeif. Abb. 2. 24 Salm 45. 200. Brasil

cognatus (Cer.) Hort = variabilis Pf. var. fide Foerst 402
Corindettii (Op.) Weber mss
colicochus (Cer) Booth Cat. = Ech. myriostigma fide Foerst. 336
colubrinus (Cer) Otto Foerst. 409 Salm. 50. 215.

Columbiana (Mam) Salm 12. 99 Columbia

Columna (Pil) Lem. n. gen. (1839) p. 9. Foerst. 354 Salm 40.184

Columna Trajani (Cer) Karw. c x Walp. Rep. II. 325 Mexico
Pfeiff en 76. Zucc. pl. nov. 3.131
columnaris (Echinoc) Pfeiff. Abb. 2.14 in note Gay Fl. Chil. 3 p... Chili
Pfeiff in Bot Zt. 1847. 373 Walp Ann 1. 334 = E. marginatus Salm f. Salm 26
columnaris (Mam) Hort = M. polythele var setosa Salm fide Foerst 215
—— (Mam) Mart. 1832 p. 330. Pfeif en 9. Zucc pl. n. 3.111. Walp Rep. II. 284 Mexico
= M. polythele var γ. Salm ap. Foerst. 214. & Salm 15
—— (Cact) Moc & Sess. (fide DC Prod 3.459 = M. geminispina) = acanthoplegma Mex
Colvillii (Cer) Hort Angl nomen ap. Foerst 404 ; C. variabilis var fide S. 49
cometes (Cer) Scheid. Gart Zt 1840. 339 Walp Rep. 2. 341 = Pilocer jubatus Salm
Foerst. 356 Salm 40
—— (Pilocer) Mittler fide Foerst 357
commune (Lepism) Pfeiff in Allg G. Z. 1835 p. 314. Walp Rep. 2.344 Brasil
= Rhipsalis Mittleri Foerst. 455. Salm 62
communis (Melor) DC. Rev. 337, 6 Mig. Mel. 138. tab 1. Walp Rep. 2. 305.
Foerst 268 Salm 21 Link & Ott. Abb. 1827 p. 8 t. 11. (Verh. d. Gartenb. V. f. Pr.
3.417) DC. Prod. 3.460. Pfeiff. en. 42 Bot Mag 3090. Ind. occ. Am. mer.
—— varr: macrocephalus, validus, viridis Pfeiff en. 43
—— germination, DC. Organography t. 48 fig 3
compacta (Mam) Engelm Wisl. Rep 1848 note 32 Pl. Lindh. 2. 196 Walp. Ann 3. 894 Chihuahua Mex
Eng Syn Cact 10 Cat. Bound. t 74 f. 2
—— (Mam) Hort = M. microthele Muhlenpf. fide Salm 9

compressa (Mam) DC. Rev. (1829) p. 112. = M. angularis Lk. Ott. Pfeiff 12 & Salm 18 Mex
compressus (Cer) Mill Dict No 10. = C. triangularis fide Foerst 423
Pfeiff en 116

concinnus (Echin) Lemaire in Hort Cels ex Allg Gart. Z. 1843 p. 156, Chili? Buenos Ayres?
Monville Icon Cat. t. 1 Bot Mag. 4115. Pfeiff Abb. 2 t. 11
Salm 32. 164 Walp. Rep 2. 813 Foerst. 299

conferta (Rhips) Salm 60. 229

confertus (Echinocact) Hort Berol. nom ap. Foerst 346 confinis (Mam) Haage Cat 1836 = "albida Haage fide Pfeiff en. 28 var of discolor Foert. 206.

conformis (Cer) Hort Berol. Salm 47. 203. Mexico

conica (Mam) Haw. suppl. 1819. 71 Walp. Rep. 2. 292 Pfeiff. en. 38

conicus (Cer) H. Berol Pfeiff en. 97. Walp. Rep. 2. 331 Mexico

— Cer euphorbioides Haw fide Salm. 47. Foerst. 393

coniflora (Mam) H. Berol — nom ap. Foerst. 254 = discolor var Salm 11.

conoidea (Mam) DC. Rev., 1829, 112. DC. Mem. 6 t. 2 Pfeiff. en 35. Mexico

Walp. Rep. 2. 291. Foerst 252 Pfeiff. Abb. 2. t. 26 Salm 13. 104.

= Echinocact. Poselg. Gart. Zeit. 1853. 107

conoideus (Cer) Engelm & Bigel. in Cact. Whippl. Exp p. 35. t. 4 f. 4-5. New Mexico

Synops. Cact. 28 Walp. Ann. 5. 45 (belongs to phoeniceus)

conopsea (Mam) Scheidw. Bull. Brux 5. 496 Walp. Rep 2. 299 Mexico

= centricirra var. fide Foerst. 230 = divergens fide Salm 18 = phymatothele fide Salm ap. Foerst. 232

— Hort. = Neumanniana Lem. fide Salm ap Foerst. 234

conspersa (Mam) Stieber in N. Blum Zt. 1852. 82

contacta (Mam) Wendl. nom ap. Foerst 254

Copiapensis (Ech) Pfeiff. Abb. 2. 14 in note Gay. H. Chil 3 p... Chili

= Ech. cinerascens Salm fide Salm 26

coptogonus (Ech) Lem. Hort. Monv. 1838. p. 23. Ic. fasc. 3 t. 1 Mexico

Foerst. 315 Pfeiff. Abb 2. t. 19 Salm 29. 156.

Coquimbanus (Cact) Molin. Chil. ed. Gall. p. 140. ex Bertol. virid. bon. 1824. p. 4 Chil.

= Cer. eburneus DC. Prod 3. 465. & Pfeiff. en. 90.

coracinus (Echin) Stieber N. Blum Z. 1852. 129 Mex

cornifera (Mam) DC. Rev. 112 Pfeiff. en. 34 Walp. Rep 2. 291 Mex

Foerst. 251 Salm 20. 131

— (Echin) Poselg. Al. G. Zt 1853 102

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cornigerus (Echin) DC. Rev. 36 pl 7 $^{1829}$ Prod. 3.461. (Haworth's Cact. latispinus was published earlier] DC. Mem. 1834. p. 17 t. 10. Pfeiff. en. 56. Walp. Rep. 2. 311. Foerst. 318. Salm 28. — Mexico Guatemala

corollaria (Mam) Ehrenb. Gart. Zt. 1849. 294 Walp. Ann. 2. 677 — Mex

coronaria (Mam) Haw. Rev 69. DC. Pr. 3. 458 Pfeiff. en 33 Walp. Rep. 2. 291. Foerst. 211 Salm H.D. 10 — Mex

coronata (Mam) Scheidw. in Gart. Ztg 1840. 338 Walp. Rep. 2. 302 = Crebrispina DC fide Foerst. 205

coronatus (Cact) Lam. Dict. 1. 537 = Meloc. communis fide DC. Prod 3. 460

" (Cact) Willd. enum. suppl. 30 = M. coronaria fide DC. Pr. 3. 458

" (Meloc) Cels nom. ap. Foerst 279

corrugata (Op.) Hort. Angl. ex. Hort Dyck 1834. p. 360 Pfeiff. en. 141 Walp. Rep. 2. 346 Foerst 469. Hort. Dyck 1849. 71. 246. — Am. aust

" (Op.) Lem. H. Monv = O. Parmentieri fide Foerst 468 = corrugata β. fide Salm H.D. 72

corynacanthus (Echinocact) Scheidw. Gart. Ztg. 1841 p. 50 Walp. Rep. 2. 319 Foerst. 319 — Mexico

Coryne (Cer) Hort Berol. Salm H.D. 47. 205 Foerst. 394 Lab 356

corynodes (Echinocact) Otto (s. Hort. Berol) Pfeiff. en. 55 Walp. Rep. 2. 311 — Montevideo mexico[?]

= ——— (Malacocarpus) Salm 1849. 25. 141. Foerst. 338. Bot Mag. 3906

coryphides (Mam) Torb nom ap. Foerst. 254

Cossyriensis (Cer) Tineo ined = C. Tinei Todaro

Courantii (Echinocact) Lem. Cat H. Monv. 1838 p. 20 Walp. Rep. 2. 318 ?

= ——— (Malac) Salm 1849. 25. 142 = Echi. tephracanthus fide Lab. 170

crassa (Op) Haworth Revis 81 (1821) DC Prod 3. 474 Pfeiff. en. 153 Walp Rep. 2. 348 Salm 69. 243 Foerst. 478 — Mex?

crassicaulis (Peiresc) Zucc = spatulata H.B. fide Pfeiff en. 176 & Salm 1849 76.

crassicostatus (Meloc) Lem. Cact. nov. fasc. 1. p. 13 Miq. Mel. 136
var of M. obtusipetalus fide Lem. ap. Walp. Rep. 2. 305. Foerst 267

crassispina (Mam) Pfeiff in Gart. Ztg. 1840. 406 Walp. Rep. 2. 297 Mexi
Salm 11. 97. Foerst. 209.

crassispinus (Meloc) Salm in Gart Ztg. 1840. 10. Walp Rep. 2. 309 Brasil ?
Foerst. 274. = Mel. Lemairii Miq. in Lem. Hortic univ t. 36

crebrispina (Mam) DC. Rev. 1829. p. 111. Pfeiff. en. 35 Walp. Rep. 2. 291 Mexi
Salm. 10. Foerst. 205.

crenatus (Phylloc.) Salm Walp Rep. 5. 820 Foerst. 441 Salm 55. 224
——— (Cer) Lindl Bot Reg. (1844) 17. t. 31. Gart Ztg. 1844. 247. Honduras

crenatus (Echinoc) H. Gall. = E. exsculptus fide Pfeiff. en. 181
=? E. trigonus fide Lem. n. gen. 22

crenulatus (Cer) Salm obs bot 1822 p. 6 DC Prod. 3. 465. Pfeiff en. 84 Amer. calid
Walp. Rep. 2. 328 Foerst. 382 Salm 1850. 45.

crinifera (Op.) Salm .. Pfeiff. en. 157. Walp Rep. 2. 349 Brasil
= O. senilis Parm fid Foerst 496 = crin
— Pfeiff = O. lanigera S. fide Salm 65.
— var lanigera Pf. = O fulvispina S. fide Salm 65

criniformis (Mam) DC. Mem (1834) pag 8 t. 4 = glochidiata Mart. fide Pfeiff. 36 Mexico

crinita (Mam) DC. Rev. (1829) 112 DC. Mem. p. 7 t. 3. Pfeiff. en. 37 Mexi
Walp. Rep. 2. 292. Foerst. 188 Salm. 7.

crispatum (Epiphyll) Haw
— (Cer) Hort Berlin
— (Rhipsalis) Pfeiff en. 1837. 130 Walp. Rep. 2. 362 Foerst. 450
Salm 59.
— (Cer) var crenulatus Hort Berol = Rh. crispata Pfeiff. en. 130.

crispatus (Echinocact) DC. Rev. 37 & 115 t. 8. 1829 DC. Prod. 3. 461 Mex
DC Mem 1834. p. 20 Pfeiff en. 62 Zucc. pl. n. 3. 127 Walp Rep. 2. 313 Foerst. 312
— var horridus Pfeiff ibid.

cristata (Echinops) Salm 1850. 38. 178. Bot Mag. 4687 & 4521 Bolivia

cristata (Op.) Salm. Cat. cult. 1845 p. 49. name only Foerst. 530 = O. imbricata fide Salm. 1850 73 & 249

crocidata (Mam) Lem. Hort Monv. 1838 p. 9. Walp. Rep. 2. 298 Foerst 220. Mexico
Salm. 15. 114.

cruciata (Op.) Hort = O. ferox Haw. fide Pfeiff en. 167. Foerst 498.
= O. spinosissima Mill. fide. Foerst 498.

cruciforme (Lepism) Miq. Bull. Neerl. 1838. 49 Brazil
—— (Cact, Flor. Flum. 5. t. 29

crucigera (Mam) Mart. 1832 Nov. Nop. 340 t. 25. f. 2. Pfeiff. en 25 Mex
Zucc. Pl. n. 3. 107. Walp. Rep. 2. 288 Foerst. 193. Salm. 9
—— (Mam, Hort = M. formosa Scheidw. fide Salm 9

cruenta (Peirescia) Hort = P. Bleo fide Pfeiff. en 176. & Pf. Abb. 1. 30

ctenoides (Cer) Engelm in Cact Bound. 31. t. 42. Synop. 23. Walp. An 5. 42 N. Mex

Cubensis (Cer) Zucc. = C. eriophorus fide Pfeiff. en. 94.

Cummingii (Echinocact) Hopffer in Gart. Ztg. 1843. p. 225. Walp. Rep. 2. 936 Peru Bolivia
Foerst 296 Salm 35. 174

cupulatus (Cer) Hort. = C. marginatus DC. fide Pfeiff. en 97
—— (Echinocact, Foerst. in Cact. Haage. 1860. p. 4 Chili

Curassavicus (Cact) Lin sp. ed 1. 1753. Cod Lin. no. 3588 Curacao St Thomas
—— (Opunt) Mill dict. ed 8 n. 7. fide DC. Prod 3. 472
Haw syn. 196. Pfeiff en. 148 Walp. Rep. 2. 347 Salm 70.
Pfeiff Abb. 1. t. 6 f. 2 Foerst. 474.
—— var longa Haw rev. 71 DC. Prod. 3. 472

Curtisii (Cer) H. Berol. in Pfeiff. en 81 Walp. Rep. 2. 327 Nov Gran
Pfeiff abb. 1. t. 11
—— (Pilocer) Salm HD. 1845. p. 24 Foerst. 356. Salm 40. 184

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curvata (Mam) H. Berol. = M. exsudans Zucc. fid Pfeiffen. 15
curvicornis (Echinocact) Miq. Lin. 13. p. 5 t. 2. f. 4. Walp. Rep. 2. 315

curvispina (Mam) Otto Gart Z. 1846. p. 204. Walp. Ann. 1. 332 Mex
= M. discolor. var fide Salm 11

curvispinus (Cer) Bertero in Hb Berol. Meyen Reise (1834) p. 289 Peru
Pfeiff. en. 89. Walp. Rep. 2. 329
——— (Echinocact) H Paris. ~~ex Gay Fl. Chil. 3. 16~~ nom ap. Forst 346
——— (Echin) Bertero & Colla ex Gay Fl. Chil. 3. 16

——— (Meloc) H. Berol. ex Pfeiff en. 46. Miq. Mel. 135. Mex
Walp. Rep. 2, 305. Forst. 267. Salm 21. 138.
cylindraceus (Echin) Engelm in Cact. Bound. 25. t. 30 Syn. Cat. 19. Walp. An. 5. 40 Colorado
cylindracea (Mam) Dec. Rev. 111. Pfeiff en. 32. Mex
Walp. Rep. 2. 291. = M. eriacantha Otto fide Forst. 200
cylindrica (Mam) Hort Berol = M. cylindracea — nom in Verh. G. B. Verein 6. 429 1830
cylindricus (Cact) Ort. Dec. 128. t. 16 (fide DC. Prod) = M. coronaria
——— (Cact) Lam. Dict. 1. (1783) p. 539 = Opunt cylindrica Peru
= ——— (Cereus) Haw syn. 183 " "
——— (Opunt) DC. Prod. 3. 471 Pfeiff en. 169 Salm 73 Walp. Rep. 2. 352
— — Jussieu fide Forst 503
——— (Cact) James in Long Exped. II. 20. = Op. arborescens
——— (Cact) H. Flum V. t 31. = Rhipsalis funalis fide Walp. Rep. 2. 343

cymochila (Op.) Engelm & Big. in Cact. Whippl. 42. t. 12. f. 1–3 t. 23. S. western Territ
fig. 11–12 Eng Syn Cat. 39 Walp. Ann. 5. 51

dactylothele (Mam) Labouret 146 = M. macromeris Eng

daedalea (Mam) Scheidw. Hortic Belg. Jan 1837 c tab. = M. bicolor var.
fide Forst 197 & Salm 9
——— viridis (Mam) Fenn. nom. apud Forst. 254

daemonoceras (Mam) Lem. Hort. Monv. p. = M cornifera DC. fide Forst. 251
= M. scolymoides Scheidw fide Salm 20

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Darwinii (Opunt) Henslow Mag. Zool & Bot I 466 t. 14 f. 1 (Darw 1837) Patagon
Walp. Rep. 2. 354.

dasyacantha (Mam) Engelm in Cact Mex Bound. 15 t. 12 f. 17–22
Eng. Syn. Cact 12. Walp Ann 5. 37

dasyacanthus (Echinocer) Eng. in Wisl Rep 1848. note 19. Walp. Ann 3. 295 New Mex
—— (Cereus) Eng in Pl. Fendl 50 Salm 43: 193. Engelm Cact Mex Bound. 30.
Tab. 40 & 41 fig 1 & 2. Syn Cact. 23 Walp Ann 5. 42.

Davisii (Opunt) Engelm & Bigelow in Cact Whipp. 49. t. 16 Indian Terr
Eng Syn Cact. 49 Walp Ann 5. 55.

dealbata (Mam) A. Dietr, Gart Zeitg 1846. 309 Walp Ann 1. 332 Mex
Salm 9. 89.

debilispinus (Echinocact) Berg in Gart. Zeitg. 1840. 131 Mex
Walp. Rep. 2. 319. Foerst 314

decagonus (Cer) Hort = C. albispinus Salm fide Pfeiff en. 85

Decaisnianus (Echinonyctanthus) Lem. Cact. n. g. 1839. p. 55
——a (Echinopsis) Walp. Rep. 2. 324, Foerst. 363 Salm 38. 180

decipiens (Mam) Scheidw. Bull. Brux. 5 (1838) 469. Walp. Rep. 2. 297. Mex
Foerst 184. 517 Salm 7. 80.
—— (Opunt) Dec Rev. 1829. p. 118 Pfeiff en. 172 Walp Rep. 2. 353 Mex
= O. excavata Salm fide. Foerst 502 = imbricata fide Salm 73
—— var major, Hort Berol. = O. excavata; = O. cristata fide Foerst 503
= imbricata var fide Salm 43.

declivis (Mam) A. Dietr ap. Poselger Gart Ztg. 1850. p. 235. Texas
Walp. Ann 2. 680. = Mam Heideri
decora M. Foerst in Haage Cat. 1860 p. 1

decumanus (Cact) Willd. en. suppl. 34
——a (Op) Haw rev. 71 & DC Prod. 3. 473 Pfeiff en. 152 Am. mer
— suppl. 71 (74)
Foerst. 487 Salm 69.

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decumbens (Op.) Salm. H. Dyck 1834. p. 361 Pfeiff. en. 154 Mex
Walp. Rep. 2. 349 Foerst 482. Salm 69. 242

deficiens (Cer) Otto & Dietr. Gart. Ztg. 1838 p. 28. Walp. Rep. 2 339. Canar
Foerst. 392 Salm 47.
—— (Mam) Hort = decipiens Scheidw. Foerst 185 Salm 7

deficum (Mam) Hort = decipiens Scheidw. Foerst 185
deflexa (Mam) Stieb. Neue Blum Ztg 1851. 218.
deflexispina (Mam) Lem. H. Monv. p. 6. Walp. Rep. 2. 297. Mex
Foerst 238 = M. gladiata Mart. fid Salm 17

dejecta (Op.) Salm H. D. 1834. p. 361 Pfeiff. en. 159. Cuba
Walp. Rep. 2. 350 Foerst 493
—— (Nopalea) Salm H. D. 1849 p. 64. 233.

Delessertianus (Melocact) Lem. nom ap. Foerst. 279. Lab. 19 Mex

Demoriana (Op) H. Monac. nom. ap. Foerst 508

densa (Mam) Link & Otto ic. pl. rar. H. Berol. t. 35. (1830) Mex
(= echinata var. fide Pfeif. en. 6.) Walp. Rep. 2. 283. Salm 13. 102

denudatus (Echinoc) Link & Otto ic. Pl. rar. H. Berol p. 17 t. 9 (1828) Brazil
Foerst 289. Salm 34
= —— (Cer) Hort Berol fide Pfeiff en 73. Walp. Rep. 2. 325
= —— (Gymnocalycium) Pfeif. Abb. 1846 2. t. 1. not. Pfeiff. in Schelhas Catal. 1843

Deppei (Cer) H. Berol, nom in Verh. d. G. d. B. V. 6. 432. 1830 Mex
& DC Prod 3. 471. — = C. cinerascens DC. fide Pfeiff. en 101, Salm 42
Deppei (Op.) Wendland, nom ap. Foerst. 508

depressa (Mam) Scheidw. Bull. Brux. 5 (1838) 494 Mex
Walp. Rep. 2. 301 = M. uncinata var. fide Foerst. 223,
& Salm 16

depressus (Cact) DC. cat hort monsp p. 84 = M. discolor fide DC. Rev. p. 28 Prod. 3. 459

do —— (Mel) Hook Bot Mag t. 3691, 1839 Miq. Mel p. 129 t. 4. f. 1. t. 2 f. 1 c. d. Brasil

—— (Cact) Haw. syn. 173. = ? Ech. depressus DC. Pr. 3. 463 !

—— (Echin) DC. Pr. 3. 463. Pf. En 67. Walp. R. 2. 315. Am. cal.

d

deserti (Mam) Engelm Bot. Calif 2, App. p. 449 (1880) Calif

diacantha (Mam) Lem H. Monv. p. 2 = M. Caput Medusae Otto fid Salm 15
Walp. Rep. 2. 287

diacantha nigra (Mam) Haage Cat. 1836 = M. Haageana Pfeiff fide Pf En. 26

diacentra (Mam) J. A. Jacobi in Allg. Gart Zt. 1856. p. 91

diadema (Mam) Mühlenpf Allg. G. Z. 1845. 346 Walp. Rep. 3. 816. Foerst 522

diademata (Op) Lem. H. Monv. 1838. 36 Walp. Rep. 2. 355. Salm 71 Foerst 470

diaphanacantha (Mam) Lem. H. Monv. 39. = M. inconspicua Scheid. Walp. Rep 2. 301
= M. conoidea DC. Salm. 13 Foerst. 253.

dichroacanthus (Cer) Mart. Pfeif. En. 76. Zucc. pl. n. 3. 131. W. Rep. 2. 326
= Echin. exsculptus var. Foerst. 292. = acutissimus Link Otto fid Salm 33 Mex

—— (Echin) Mart. Pfeif En 62 Zucc. Pl. n. 3. 128. Salm 30 Foerst. 307 Mex
Walp. Rep. 2. 313

—— (Mel) Miq. Mel. 1841. p. 147 t. 6 St Thomas

Dietrichianus (Ech) Foerst. in Cat. Haage 1860 p. 3

diffusa (Op) Hort = O. dejecta fide Pfeiff. En. 159. & Salm 64

digitalis (Mam) Ehrenb. Gart. Z. 1849. 267 = M Haynii, nigricans fide Salm 10 Mex

Dillenii (Cact) Bot reg. t. 255. Dill Elth. f. 382 = Op. D. Am. cal.

—— (Op) Haw suppl. DC. Prod. 3. 472 Pf. enum. 162 " "
Salm. 67. 235. Walp Rep. 2. 357 Foerst. 493

dimorpha (Op) Foerst. in Cat. Haage 1860. p. 14 Peru

disciformis (Mel) DC. Rev. 1829. p. 14 DC. Mem. 14. Pf. En. 22.
Walp. Rep 2. 287. = Ech. turbiniformis Pf. fide Salm 35. Foerst. 284 Mex

discolor (Mam) Haw syn. 177 DC. Rev. 28 t. 2 f. 2 Prod. 3. 458. Pfeif En. 28 Mex
Walp Rep. 2. 289. Salm 11. 95. Lab 40. Foerst. 205 St Thomas

—— β. prolifera Pfeiff. En. 28 = M rhodantha Salm.

divaricata (Mam) A. Dietr. Al. Gart. Z. 1848 210. Walp. An. 2. 680

divaricatus (Cact) Lam dict. 1. (1783) 540 = Cereus div. DC. Pr. 3. 466 Haiti
Plum ed Burm. t. 193 Pf. En. 95. Walp. Rep. 2. 331 Foerst. 380. Pl. ap. Mich. N B Zt.
1852. 73. 1853. 129.

divergens (Cer) H Berl Pf. En. 95. Walp Rep. 2. 331. Haiti
= Cer. subrepandus Haw. fide Salm 44

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divergens (Mam) DC. Rev. 1829. p. 113 Pf. en. 12. Salm. 18. Walp. R. 2. 285 Mex
= M. cirrifera var albispina Salm fide Foerst. 233.

doctoralis (Ech) Karw. = Ech. myriostigma Zucc.

dolubriformis (Op) Hort = O. ferox fide Foerst 498

dolichacantha (Mam) Lem. fide Foerst. 213 = dolichocentra

dolichacanthus (Ech) Lem. H. Monv. 1838. p. 25 Walp Rep. 2. 316 = E. Echidne DC. fide S. 27.

dolichocentra (Mam) Lem H. Mon. 3. Lem Cact n. g. p. 95 note. Lem. Ic. fasc. 2
Salm 14. 111. Walp. Rep. 2. 300 Foerst. 213. Mex

Donkelaerii (Cer) Salm in G. Z. 1845. 355. Salm. 50. 215. Walp. Rep. 3. 820. Bolivia

dorycentra (Mam) Stieber M. Blum Zeit. 1852. 98. ; fl. in N. B. Z. 1854. 49.

Dougalii (Cer) var of C. speciosissimus fide Salm 53.

Doutrelainii (Pil) Weber mss. = P. leucocephalus Pos. fide Poselg. Mex

dubius (Cer) Engelm in Cact. Bound. 36 t. 50. Synops 26. Walp An. 5. 44 N. Mex

dulcis (Op.) Engelm in Cact. Bound. 48 t. 75. f. 5–7. Synops 35. Walp. An. 5. 49

Dumelianus (Ech) Cels. = Ep. aurata Salm. fide Salm 39

Dumortieri (Cer) Scheidw. Bull Brux. 5 no 2 Walp. Rep. 2. 338. A. G. Zt. 1853. 134 Bonaria
Poselg. mss. Salm 48. 210.

Duprei (Lepism) Hort. Paris nom ap. Foerst 456

Dyckiana (Mam) Zucc. Cat. Cact. H. Monac. 1836 Pf. en. 26. Salm 9.
Walp. Rep. 2. 289 Zucc. pl. nov 3. 105. Foerst. 194 = M. microthele var f. Salm 9 Mex

Dyckianus (Cer) var of C. speciosissimus, fide Salm. 53.

Dyckii (Cer) Mart. Pfeif. en. 87. Salm 46. Walp. Rep. 2. 329. Foerst. 391 Mex

ebenacanthus (Ech) Monv. ex Lab. 253. = E. fuscus Muhlenpf. fide Lab. Chili

eborina (Mam) Ehrenb. A. G. Zt. 1849. 309 Walp An. 2, 679 ; fl. in N. B. Zt. 1854 49. Mex

eburnea (Mam) Miq. in Lin 12. 14. t. 2 f. 11. = M bicolor var fide Foerst. 197

——— (Op.) Lem. H. Monv 1838 p. 36. Walp. R. 2. 355 = O. corrugata H Angl. fide S. 71

eburneus (Cer) Salm Cat. 1822. DC. Prod. 3. 464. Pf. en. 90. Salm 47 Curaçao

——— β. polygonus Pfeif en. 91 Walp Rep. 2. 329. Gay H. Chil 3

——— (Cact) ~~Gay H. Chil.~~ Link enum (1822) 2. 22.

Echidne (Echi) DC. Mem. 1834. 19 t. 11. Pf. en. 57. Walp R. 2. 312 Mex
Salm 27. 150. Foerst. 330

echinaria (Mam) DC Rev. 110 Mex

= echinata (Mam) DC. Mem. 3. Pf. en. 5 Salm 12. 102 Walp. R. 2. 283
Foerst 239

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echinata (Rhips) Hort. = Rh. mesembryanthemoides Haw. fide Pf. en. 136

echinocactoides (Mam) Pfeiff in A. G. Zt. 1840. 281 · Walp. Rep. 2. 299. F. 247 Mex
= M. conoidea DC. fide Salm. 13

echinocarpa (Opun) Engl & Big in Cact Whip. 49 t. 18 f. 5–10 Syn. 49. Walp. An. 5. 55 Arizona
—— β major Eng in Cact Mex Bound 56

echinoides (Echin) Lem. ex Salm in A. G. Zt. 1845. 386. Walp. Rep 3. 813 Bolivia
— Cat Cels Salm 26. 144 · Pf. Abb. 2. t. 29.

Echinops (Mam) Fen. nom ap. Foerst. 257
—— (Mam) Scheidw. = Mocothele Lem fide Foerst. 209

Echinus (Mam) Engelm in Cact Bound. 13 t. 10. Synop. 11 Walp An. 5. 37 Tex

edulis (Ech) Haage nom. ap. Foerst 346
—— (Cer) Weber in Cat.

Ehrenbergii (Cer) Pfeiff. A. G. Z. 1840. 282 Salm 42. 188. Foerst. 374 Mex
Walp. Rep. 2. 341 = C. propinquus f. Ehrenb. in Linn. 19. 362
—— (Ech) Pfeif in A. G. Z. 1839. 275. Walp. R. 2. 321. Foerst. 286. Mex
= Ech. porrectus and subporrectus fide Pfeif.
—— (Mam) Pfeif. in A. G. Z. 1838, 274. Walp. R. 2. 293. Foerst. 238 Mex
H. in N. B. Z. 1854. 49

elata (Op) H. Berol. ex Hort Dyck. 1834. 361. Pfeif En. 152. Walp. R. 2. 348 Brasil
Salm 69. Foerst 483.
—— (Op) H Berol. nom in Verh. d. Gart B. Ver. 6. 434 (1830) DC. Pr. 3. 474

elatior (Op) Mill dict. ed 8. no 4 Haw syn. 187. DC. Pr. 3. 472 Pf. 165 Am. cal.
Walp. R. 2. 351. Salm 66 Foerst. 496.

electracanthus (Ech) Lem H. Monv. 1838. 24. Salm 27. 149. Mx?
Walp R. 2. 316 Foerst. 332

elegans (Mam) DC Rev. 111. DC Mem. 5. Pfeif en. 25. Salm 9. 87 Mex
Walp. R. 2. 289. Foerst? 195
—— (Cer) Hort. = Lepismium commune fide Pfeif. en 138
—— (Cact) Link. en. 2. 25 (1822) = Cer. phyllanthoides fide DC. Pr. 3. 470
—— (Mel) Hort = Cer leucanthus fide Pf. en. 71 = Echinps. campylacantha Pf. fide Foerst. 369
—— (Echin) Hort = Cer. Chilensis fide Foerst 376
—— (Epiphyll) Cels. var of E. truncatum? fide Foerst. 446

elephantidens (Mam) Lem. H. Monv. 1838 p. 1 Lem Ic. fasc 2 Mex
Pfeiff Abb. 2. 20 Foerst. 248. Salm 20. 134. A. G. Z. 1849. 326

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elongata (Mam) DC. Rev. 109 DC Mem 2. Pf. en. 6 Salm 12. 100. Foerst. 239 Mex
Walp. Rep. 2. 283.

—— (Op.) Hort = O. decumana fide Foerst. 484
—— Haw suppl. 81 Salm. 69. 242. = O. fulvispina? fide Pf. en. 164
elongatum (Anh) Salm H. D. 1845. 15. Salm 5. 77. Foerst. 257 Walp R. 5 812
elongatus (Cact) Willd En. suppl. 34. = O. elongata S. fide Foerst. 484 = O. decumana W. fide Pf. 152

Emoryi (Cer) Engelm. Sill Journ n. ser. 14. Nov 1852. 338. Cact Bound 40 t. 60 f. 1-4 Calif
Eng. Synops. 30. Walp An 5. 46
—— (Ech) Engelm. Emory's Rep. 1848. p. 156 f. 5. Cact Whipp. 31. t. 3. f. 3 Arizona
Syn Cact. 19. Cact Mex Bound 23 t. 28. Walp An 5. 40.
—— (Op.) Engelm = Cact Mx Bound 53 t. 70. 71. Syn Cact. 47. Walp. An 5. 54 Arizona
Engelmanni (Cer) Parry, Sill Journ n. ser. 14. Nov. 1852. p. 338. Eng. Syn. 27 Calif
Cact Bound. 36. t. 57. Walp An 5. 44 & varr.
—— var variegatus & chrysocentrus Eng & B. Cact Whip. 35 t. 5. f. 4-7 & 8-10 Synops. ib.
—— (Op.) Salm in Pl. Lindh. 2. 207 (Bost. J. N. Hist. 1850. vol 6) Tex N Mex
Walp An 2. 686. Salm 67. 235. Synops. 34. Walp An. 5. 49. Cact Whip. 37
Cact Mex Bound 47. t. 75. f. 1-4.
—— var cyclodes Eng & Big. in Cact Whip 37. t. 8 f. 1. & t. 22 f. 8-9.
Synops Cact 35. Walp An. 5. 49
—— (Pilocereus) Lemaire in Ill. hortic. 9. livr. 11. Nov 1862. p. 97 = Cer. giganteus
enneacantha (Mam) Otto nom ap. Foerst. 257
enneacanthus (Echinocer) Eng in Wisl Rep. 1848. note 46 Walp An. 3. 896 Chihuahua
—— (Cer) Eng. Pl. Fendl. 50. note Synops. 26. Walp An. 5. 44
Poselg. A. G. Z. 1855. 133. Salm 42. 188 Eng. = Cact. M Bound. 34. t. 48 f. 2-4 t. 49
ensiferus (Echin) Lem. Hort Monv. 1838 26. - Walp. Rep. 2. 320 Foerst. 306 Mexico
= Ech. anfractuosus var. fide Salm 31
Epidendron (Cact) Lin Fl. Surin. no 64. nomen, vide Cod Lin. no 3581. obs. ? = Cact. parasiticus i. e. Rhips. parasitica
equitans (Ech) Scheidw Bull Brux 6. no 2 p. 2 Walp. R. 2. 323. = Ech. horizonthalonius fide S. 26
erecta (Mam) Lem. H. Monv. 3 ~~Lem.~~ Ic. fasc 5. Walp. R. 2. 302. Salm 19. 127 Foerst 243 Mex
erectacantha (M) Foerst. (= A. B. Z. 1853 97 ~~A. G. Z.~~ 1847. 50 Walp. An. 1 320.) Mex
erectus (Cer) Karw. Pfeif En. 95. Salm 44. Foerst. 380. Walp. R. 2. 331 Mex
eriacantha (Mam) Link & Otto Pf. en. 32. Pf Abb. 1. 25. Salm 12. Zucc. Pl. nov. 3. 104 Mex
eriantha (Mam) Hort. = M. eriacantha fide Pfeif en. 32.
ericentra (Mam) Stieber N. B. Z. 1851. 297
ericomus (Cer) H. Berol. = C. virens fide Salm 47

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erinacea (Mam) Wendl. Cat H. Herrnh. 1835 = M. rhodantha Wendlandii Pf. en. 31

erinacea (Mam) Poselg. A.G.Z. 1855. 18. = gummifera Eng? Saltillo Mx

erinacea (Op) Eng & Big. in Cact Whipp. 47 t 13 f. 8-11 & t. 24 f 4 Syn. Cact. 45 Colorado
Walp. An 5. 53.

erinaceus (Cer) Haw. nom ap. DC Prod 3. 471

——— (Cact) Haw suppl. 74. = Cer. polyacanthus Link & Ott fide Pfeiff. en. 52

——— (Ech) Lem. H. Monv. 1838. 16 Walp. Rep. 2. 317 Foerst 338 Brasil Montevid
= E. corynodes β. fide Salm 25.

eriocephalus (Ech) Stieber A.B.Z. 1852. 113. Mex

eriocomus (Cer) Reichenb in Tersch suppl Cact. lj 3 Walp. R. 2, 340 Brasil

eriophorus (Cer) Hort Berol ex Pf. en. 94. Walp. R. 2. 330. Pfeiff Abb. 1. 22 Cuba
Salm 45. Foerst 379.

——— β. laetevirens Salm H.D. 1834. 335. Pfeif en. 94

erythrocentron (Op.) Lem. = O. fulvispina Salm fide Foerst. 492

euchlora (Mam) Ehrenb. A.G.Z. 1848. 266 & 326 Walp An. 2. 671 Mex.

Eugenii (Mam) Scheidw. = M. rutila Zucc fide Foerst. 203

——— (Mam) Hort " " " " Salm 11

euphorbioides (Cer) Haw. ex Spreng Syst. 2. 496 DC. Prod 3. 465. Am trop
Pf. en. 92. Salm. 47. Walp. R. 2. 330. Foerst. 393.

evanescens (Mam) Hort Belg. = M. erecta fide Foerst. 243

exaripolium (Epiphyllum) = Rh. crispata Pf. fide Pf. in A.G.Z. 1836. 185

excelsa (Mam) Stieb. in Bl. Zt. 1851. 249.

exerens (Cer) H Berol nom in DC. Pr. 3. 471. = Cer. virens DC. fide Pf. en. 99 Brasil

eximia (Mam) Ehrenb. A.G.Z. 1849. 309. Walp An. 2. 678 Mex

exsculptus (Ech) Otto in Pf. en. 65. Salm 33. Foerst 291 Walp Rep 2. 314 Chili Montevid Mex
Gay H. Chil 3 ....

exsudans (Mam) Zucc pl. nov. 3. 114. Pfeiff en. 15. Walp. R. 2. 286 Mex
Foerst 247 = M. brevimamma var β. Salm 19

extensa (Op) Salm. Pfeiff. en. 147. Walp. Rep 2. 347
= O. aurantiaca var fide Salm 70 Foerst 476

extensus (Cer) Salm in DC. Pr. 3. 469. A.G.Z. 1836. 306. Pf. en. 119
Bot Mag. 4066. Salm 52. Foerst 420 Walp. Rep. 2. 307

exuviata (Op) DC. Rev. 1829. 118. Pf. en. 170 Walp. R. 2. 352 Foerst 502 Mex

——— var α. = O. tunicata (Lehm) H Berol fide Salm 73

——— var β = O imbricata β. fide Salm 73

——— var stellata Lem. = O. stellata Salm cat 1845 fide F. 503
= O. arborescens fide Salm 73.

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Eyriesii (Echinocact) Turpin obs. 1830. 58 t. 2. – Morr cit. see ap. Pf. en. 72 Buens Ayr

——— (Echinopsis) Zucc. N. n. 3. 75 Pfeiff. Abb. t. 4 in note. Salm. 38 Foerst. 359.
Walp. Rep. 2. 324

——— (Cer) Hort Berol. Pfeiff en. 1837. 72

farinosa (Mam) Fenn. nom. ap. Foerst 254

——— (Mam) Hort. = M. livida Fenn fide Walp. An. 1. 330

farinosus (Cer) Haage ex Salm in A. G. Z. 1845. 355., Walp R. 5. 820. Foerst. 396 Mex
= C. Beneckii var β. Salm 48 – Echinocact. Hort, fide Salm.

fascicularis (Cer) Meyen Reise 1. 447. Peru

fasciculata (Mam) Engelm in Emory Rep. 1848, 155 f. 2 = Cer Fendleri? Arizona

——— (Rhips) Haw. suppl. 83. DC. Prod. 3. 476 Pf. en. 135 Walp R. 2. 343 Antill.
Salm. 60.

fasciculatus (Cact) Willd enum suppl. (1813.) 33. = Rhipsalis fasc.

Fellneri (Mam) Ehrenb. A. G. Z. 1849. 261. Walp. An. 2. 676 Mex

Fendleri (Cer) Engelm in Pl. Fendl. 51. Walp. A. 2. 684 N. Mex
Syn Cact. 25. Eng in Cact Bound. 33. t. 51–53. Cact Whipp 33.

Fennelii (Mam) Hopffer in A. G. Z. 1843. 3. & 280 Walp. R. 2 296. = M. zephyranthoides, fide Salm

Fernambucensis (Cer) Lem. 58. Walp. R. 2. 339. = C. variabilis var. fide Salm 49

ferox (Cact. Op.) Nutt. gen. 1. 296 = O. Missouriensis DC.

——— ——— Torr. Ann Lyc. N. Y. 2. 202 = Op. Camanchica Eng ?

——— (Cact) Willd en. suppl. 35. = Op. ferox Haw

——— (Op) Haw. suppl. 82. DC. Pr. 3. 472 Pf. en. 167. Salm 65. Walp. R. 2. 352 Foerst. 497 Am calid

——— (Cer) Haw. Phil Mag. 1830. 109. Pf. en. 79 Walp. R. 2. 326 Brazil

——— (Mel) Pfeiff . . . . . Foerst 519

ferruginea (Mam) Scheidw in N. Bl. Jt. 1851 258.

festiva (Mam) Scheidw. N. B. J. 1851. 274

Ficus Indica (Cact) Lin sp. ed. 1. Cod Lin n 3585. Am calid

——— (Op) Mill dict. ed 8. n. 2. Haw Syn. 191 DC. Pr. 3. 473. Pf. en 152
Salm. 66 & 235. Walp. R. 2. 348. Foerst. 481 Gussone Fl. Sic. 1. 549

——— (Op.) Engelm Synops 34 ? = O. coccinellifera

filipendula (Op) Engelm in Cact Bound Mex. 51. t. 68. Syn. 38. Walp An. 5. 51 Texas

fimbriatus (Cact) Lam dict. 1. 539 (1783) Plum ed Burm t. 195. f. 1 Haiti

——— (Cer) DC. Pr. 3. 464 = C. serruliflorus Haw vide Pfeiff. en. 92 & = Cer.
grandispinus Haw vide Pfeiff.

——— (Cact) Hort. = Cer divaricatus vide Pfeiff en 95.

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fimbriatus (Cact) Mc; Sess ined = Peireskia lychnidiflora DC. Pr. 3. 475

Finkii (Cer) = Cer speciosissimus var. s. hybr. Salm 53.

Fischeri (Mam) Pfeif in Otto G. Z. 1836. 257. Pf. en. 20. Salm. 16 & 118. Mex
Walp. Rep. 2. 287.
= Mam Karwinskiana Mart. fide Salm ap. Foerst. 226

—— (Mam) Hort = Mam centrispina Pfeiff. fide Salm 116

—— (Echin) H. Berol. = Ech. Spina Christi Zucc. fide Pfeiff. en. 59

—— (Echin) H Berol = Mel. ferox fide Foerst. 519.

fissurata (Mam. Anhalonium) Engelm in Cact Mex Bound 17. t. 16. Synops. 14 Tex
Walp. An 5. 38.

—— (Anhalonium) Engelm. in Cact Mex Bound 75.

flagelliformis (Cact) Lin sp ed 1 1753 Cod Lin n. 3580 Am calid
DC. Pl. grass. t. 127 Bot Mag t. 17.

—— (Cer) Mill. Dict. ed. 8. no 12. Haw syn. 185. DC. Pr. 3. 467. Pf. en. 110 Wlp. R. 2. 335
Salm 50 Foerst. 410.

—— (Cer) β. minor = Cer. lumbricoides Lem. C. 60.

flagriformis (Cer) Zucc. in Cat. Cact. Monac. 1836. Pf. en. 111. Pf. & Otto Abb. t. 12 Mex
Salm 51. Walp. Rep. 2. 335. Foerst 412.

flava (Mam) Ehrenb. in A. G. Z. 1849. 261. = M tomentosa var fide Salm 12.

flavescens (Cer) Otto ex Pf. en. 79. Salm 43. Wlp. Rep 2 326 Foerst. 375

—— (~~Mam~~ Cact) DC. Cat. Monsp. 1813. 38 = Mam straminea Haw. see Engelm in
Bot. U. S. Pacif. Expl. Exp. 1. 659. = ~~[illegible]~~

—— (Mam) DC Prod. 3. 459. DC. Rev. 27. Pf. en. 10. Wlp. R. 2. 284. Foerst. 218. Salm 14

—— (Mam) Zucc = M. Karwinskiana fide Labouret 97

flavicans (Op.) Lem. Cat. 61. Walp. R. 2. 354 = M. robusta Wendl. fide Foerst. 487?

flavicomus (Cer) Salm. 46. & 202 ~~nom ap. Foerst.~~

flaviceps (Mam) Scheidw. nom ap. Foerst. 254

flaviflorus (Cer) Engelm Cact. Gibb. Calif. ined.

flavispina (Op) H. Berol nom ap. Foerst. 508

flavispinus (Cer) Colla hort rip 24 = ? flavispinus Salm fide DC. Pr 465

—— (Cer) Salm obs bot. 1822 p. 5 DC. Pr. 3. 465. Salm 46 Am. cal.
Pfeiff en. 82. Walp. R. 2. 327. Foerst 387

flavovirens (Ech) Scheidw. A. G. Z. 1841. 50 Salm 27 & 149 Walp. R. 319 Mex

—— (Mam) Salm 16 & 117.

flexibilis (Op.) Hort = O. Tuna laevior fide Pfeif. en 161. see also Foerst. 508

flexispinus (Ech) Salm 30. 159. ? = undulatus Dietr fide Salm 159.

flexispinus (Ech) Engelm Wisl Rep. 1848. note 47. Walp. A. 3. 894. = E. longehamatus Gal

flexuosus (Ech) Dietr A. G. Z. 1851. 347 Mex

——— (Cer) Engelm. Cact Gabb. Calif. ined.

floccigera (Mam) Otto nom sp. Foerst 257

——— (Mam) Hort. = M. crassispina Pf. fide Salm. 11.

floccosa (Op.) Salm in A. G. Z. 1845. 388 Salm 72. 248. Foerst. 504 Walp. R. 5. 822 Bolivia

——— (Rh) Salm in Pf. en. 134. Salm 60. Foerst. 457 Walp. R. 2. 343.

——— (Hariota) Cels ex Foerst 458.

floccosus (Cer) H. Berol. Pfeiff. en. 81. Salm 46. Foerst. 383 Walp. R. 2. 327 St Thomas

floribunda (Mam) Hook Bot Mag. t. 3647. (1839) Walp. Rep. 2. 295. Gay Fl. Chil vol 3. Chili

— — — t. 3642 fide Salm. 16 = M. rhodantha [a mistake for M. atrata?

=? Ech. acutissimus Link & Otto fide Foerst 294

fluctuosus (Ech) Dietr in AGZ. 1851. 154. Mex

fluminense (Lepismium) Miq. Bull Neerl. 1838. 48. Walp. R. 2. 345. Bras

fluminensis (Cer) Miq. Bull. Neerl. 1838. 48. Walp. R. 2. 340

Foersteri (Ech) Sieb. N. Bl. Z. 5. 1847. 491. Walp. A. 1. 334 Mex

——— (Mam) Muhlenpf. A. G. Z. 1846. 371. Walp. A. 1. 332. Mex

foliosa (Op) Salm in DC. Pr. 3. 471 Pf. en 148. Salm 70. Walp. R. 2. 347 Amer al
Pfeiff Abb. 1. 18. Foerst 473.

——— (Cact) Willd en. suppl 32 is the same

Forbesii (Cer) H Berol. Salm 47. 206. Foerst. 398.

——— (Ech) F. A. Lehm. in Terscheck Suppl Cat 2. Walp. R. 2. 319

——— (Echinops) H Angl. & A. Dietr. in A. G. Z. 1849. 193 Walp. A. 2. 683.
N. Bl. Z. 1851. 121 ?

formosa (Mam) Galeotti ex Scheidw Bull. Brux 5. 497. Walp. R. 2. 299 Mex

——— (Mam) Dietr in AGZ 1844. 186 = M. subcurvata Dietr fide ipsius

formosus (Cer.) Cat. Cact. Monv. 1834 AGZ. 1834 244
= Cer. Schrankii Zucc fide Pfeif en 122

——— — Hort Salm. 50. 213

——— — Hort = C. cactus Salm fide Pfeiff en. 106

{ ——— (Echi) H Angl. Pfeif. en 50. Walp. R. 2. 316 Mendoza
{ ——— (Echinops.) Jacobi ap. Salm 39. Lab 302

formosissima (Echinops.) ~~Lab.~~ N. Bl. Z. 1855. 105 vide et. Salm in
AGZ. 1855. 329 Bolivia

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~~fossulata (Mam) Muhlenpf. Allg. G.Z. 1846. 372 Walp. An. 1. 332~~

fossulatus (Echin) Scheidw. in Allg. G.Z. 1841. 49 Walp. R. 2. 321 Pf. Abb. 2. t. 13.

= E. hexaedrophorus var. fide Salm 34. Mex

——— (Pilocer) Labouret in N. B. Z. 1855. 97. Bolivia

foveolata (Mam) Muhlenpf. Allg. G.Z. 1846. 372 Walp. An. 1. 332

foveolatus (Cer) Haage in Pfeiff en. 77. Walp. Rep. 2. 326

= C. exsculptus var Salm fide Foerst 292

——— (Ech) Haage = exsculptus fide Salm 33.

fragilis (Cact) Nutt. gen. 1. 296. same as next Missouri

——— (Op) Haw suppl 82 DC Prod 3. 472 Pfeiff. en. 147. Salm 70. 243. Foerst 474 "

Walp. Rep. 2. 347. Torr & Gr. Fl. N.A. 1. 555. Torr in Ann Lyc. N.Y. 2. 202

Engelm & Bigelow in Cact Exp. Whippl. 48 t. 24. f. 5. Eng. Syn. Cact. 45. Walp. Ann 5. 54

——— ? Haw ex Pfeiff. Allg G.Z. 1838 p. 276 Walp. Rep. 2. 354

——— var frutescens Engelm & Gray Pl. Lindh. 1. 37. = O. leptocaulis Texas

frutescens (Op.) Engelm in Pl. Lindh. 1. 37. in Bost Journ N Hist 5. 245 (1845) "

Pl. Lindh. 2. 208 (ib. vol VI. 1850) Salm 73. 251 Eng. in Cact Exp. Whippl. 53 t. 20, fig 2-5.

and 24 fig 16-19. Cact Mex Bound p 60 & 77. Syn Cact. 53 Walp. Ann 5. 57

= Opuntia leptocaulis Engelm Wilson Fl. Calif 1. 250

var longispina and var brevispina in Cat. Whipp. l.c. & Synops l.c.

fulgens (Mam) Stieb B.Z. 1851. 210, ib. 1853. 97.

fulgida (Op) Engelm in Cact Mex Bound 57. t. 75. f. 18 Synops p. 50 Arizona

Walp. Ann 5. 56

fuliginosa (Mam) Salm 10. 93.

fulvibarbis (Cer) Otto & Dietr Allg. Gart. Zt. 1838. 28. Walp Rep. 2. 339. Gay Fl. Chil 3. Chile

= C. Chilensis var fide Salm 44

fulvispina (Mam) Haw. Phil Mag 1830 109 Pf. en. 30 Salm 10. 93 Brazil Mex

Walp. Rep 2. 290 Foerst 209

——— (Op) Salm Cat 1844 Pf. en. 164 Salm 65. 234. Foerst 492

Walp. R. 2. 351 = ? senilis fide Foerst 496

fulvispinosus (Cer) Haw. Syn. 183 DC Prod 3. 465. Walp. R. 2. 327 Pfeiff. en. 82 Am and

fulvispin~~osus~~ Salm obs 1822. Salm 46. is the same

funalis (Cer) H. Brux = Rhipsalis trigona fide Salm ex Foerst 454

——— (Rhips) Salm in Cat H. D. DC Prod 3. 476 Pfeiff en 135 Am mer

Salm 60 Walp. R. 2. 343 Foerst 457.

——— (Cact.) Spreng Syst 2. 497 } are the same
——— (Hariota) Cels fide Foerst 457

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Funkeana (Mam) Mieber N. Bl. Z. 1851. 273 1853 98

Funkii (Mam) Scheidw. in A.G.Z. 1841. 43. Walp. R. 2. 298 Foerst. 227 Mex
= M mutabilis fide Salm 16.

furiosa (Op) Wendl. Cat Herrnh 1835 Foerst 501 = O. tunicata fide Pf. en 170
= tunicata var fide Salm 73 = rosea fide Foerst.

fuscata (Mam) (Hort Berol Link & Otto) ex Pfeiff. en 28 Walp. R 2. 289. Foerst 201 Mex
Zucc. pl. n. 3. 103 DC, Prod 3. 460 = M. chrysacantha Salm 12

fuscoatra (Op.) Engelm in Cact Exp. Whip. t. 11. f. 4 Syn. 41 Walp. An. 5. 52 Tex

fuscus (Ech) Muehlenpf. A.G.Z. 1848. 10. Salm 36. 170 = E. ebenacanthus, fide Lab. 253 Chili

fusiformis (Op) Engelm Cact Exp. Whip. 43 t 12. f. 7-8 t. 23. f. 6. ad O. Rafinesqii
Synops 41 Walp A. 5. 52

Gabbii (Mam) Eng. Cact Gabb. Calif ined. Calif
——— (Cer) " " " " " infer.
——— (Echinocact) " " " "

Galapageia (Op.) Henslow Mag. Zool. Bot. 1. 467 Edinb. 1837 t. 14. f. 21
Walp. R. 2. 354.

Galeottii (Ech) Scheidw. A.G.Z. 1841. 50. Walp. R. 2 319. Foerst 319 Mex
——— (Mam) Otto = longispina Reichenb. Walp R. 2. 301
= dolichocentra Lem. var. fide Salm 14. Foerst. 213 Mex

Garambello (Cer) Haage = C. geometrizans fide Foerst 433

Gardnerianus (Mel) Booth in Foerst. 277 Brasil

Gayanus (Ech) Hort Par. = E. Thrincogonus Lem C. n. gen 22
= Cer exsculptus var. Foerst 293 = acutissimus Link & Otto fide Salm 33

geminata (Mam) Scheidw. A.G.Z. 1841. 42 Walp. R. 2 299. Foerst. 224 Mex

geminisetus (Cer) Reichenb in Terscheck suppl. Cat Z. 3. Walp R. 2. 340

geminispina (Mam) Haw in Phil Mag. vol 63. p. 42 DC, Rev. 30 t. 3 Mex
DC, Prod. 3. 439. = M. bicolor. Lehm. fide Pfeiff en. 27. Salm 9
= acanthoplegma Lehm fide Pfeiff en. 27. = Dyckiana Zucc. fide Foerst. 194

gemmatus (Cer) Zucc. pl. Nov 3. 133 Pfeiff en. 96 Salm 48 Mex
Walp. R. 2. 331 Foerst. 397 Poselg. in A.G.Z. 1853. 134
——— (Cer) H Berol Otto = C. turbinatus fide Pfeiff. en. 72
——— (Echinopsis) Otto (nom in V. d. G.B.V. 6. 431 (1830) = Echinops. turbinata? Foerst. 361

geometrizans (Cer) Mart Pfeiff. en. 90 Zucc. pl. n. 3. 132 Mex
Salm 48. 209. Walp. R. 2. 329. Foerst. 394. Poselg. in A.G.Z. 1853. 134
Ehrenb in Linnaea 19. 363.

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Gerardi (Ech) Weber in ~~Hort~~ Labouret & Cels. (1869) Mex

Ghiesbreghtianus (Ech) H. Paris Lehm Hort univ. 5. 227 Foerst 346 Mex. L
Labouret 188

Ghiesbreghtii (Ech) H Paris Salm in A.G.Z. 1850. 395 Walp. An. 2 682 Mex

gibbosa (Mam ?) Salm H. Dyck. 1839. 343. Pf. en. 38. Walp. R. 2. 292
= Ech. exsculptus var Salm 33 Foerst 292

gibbosus (Cact) Haw syn. 173 Bot reg. t. 137
—— (Ech.) DC Prod. 3. 461 Lem. ic. 5. t. 1. Foerst 290 Salm 34. 171. Labour. 251
—— (Cer) Pfeiff. en. 74. Walp. R. 2. 325.
—— (Gymnocalycium) Pfeiff. Abb. 2. t. 1. note

giganteus (Cer) Engelm Emory Report 1848. p. 158 Arizona
Eng in Sill Journ n. ser. 14 (1852) 335 ib 17. 231. (1854) Cact Whipp. Exp. 36
Mex Bound Cact. p. 42 frontisp. & t. 61 & 62. Synops. 31. Walp. A. 5. 16.

gigantothele (Mam) Hort = M. longimamma DC fide Foerst. 183

gigas (Ech) Pfeiff. nom ap. Foerst 346

Gilliesii (Ech) Hort = E. formosus var fide Foerst. 335
—— (Mel) Hort = E. formosus fide Pfeif en. 50. = Echinopsis formosa var
fide Salm 39.
—— (Op.) Cat. Cact. Berol. 1833. = Cact. ovatus Pf. fide Pf. en. 102.
= Op. aoracantha Lem fide. Foerst. 469.

gilvus (Cer) Salm in A.G.Z. 1845 355. Salm 44. 197. Walp. R. 5. 819 Bolivia

glaberrima (Op) Hort Berol. = O. crassa var fide Pfeiff. en. 153. Salm. 69

glabrata (Mam) Salm 14. 109.

gladiata (Mam) Mart. in Pl. nov. 3. 121 Pfeiff en. 14. Salm 17. Walp. R. 2. 286 mex
Foerst. 236

gladiator (Cer) Otto & Dietr A.G.Z. 1838. p. 34. Walp. R. 2. 340 mex
= pugioniferus Lem f. Foerst. 395; = geometrizans var pugioniferus. Salm. 48

gladiatus (Ech) Link & Otto Diss. 17 t. 17. (V. d G.B.V. 3. 426) DC Pr. 3. 462
Pfeiff en. 51 Salm 30. 157. Walp. R. 2. 310 Foerst 307
—— (Cer) Lem H. Mono. 1838. Foerst. 377. Paraguay
= C. candicans Gill var Salm 43.

gladiger (Cer) Cels = C. resupinatus Salm 47

glanduligera (Mam) Otto ex Dietr A.G.Z. 1848. 298 Salm 19. 130 Mex

glauca (Mam) Dietr in A.G.Z. 1848 330 Salm 18. 123 mex

I possess the underscored ones

1812 Haworth Syn. Pl. succ
1819 " Suppl.
1821 " Revis.
1820-22 Salm Obs. bot.
1827 Link & Otto
1828 DeCandolle Prod. III
1829 —— Revue
1799–1829 —— Plantes grasses
1828–1830 Link & Otto, Icon Pl. rar Hort Berol
1832 Martius Neue Nopaleen
1832 Zuccarini Pl. nov fasc I
1834 Salm H. Dyck
1837 Zuccarini Pl. nov fasc III
1837 Pfeiffer Enum. Cact
1839 Lemaire Cact Nov gen sp. in H. Monv. cult
1841 —— Icones
1841 Miquel Melocact
1841 Salm Hort Dyck
1843 Walp. Repert II
1843 Pfeiffer Abbild vol I
1845 Lemaire Manuel
1845 Zuccarini Pl. nov fasc V
1845 Engelm Plant Lindh I
1845 Salm Hort Dyck
1846 Walpers Rep. V
1846 Foerster Cacteen

1846 Monville Catalog.
1848 Engelm in Wislizen Mem.
1848 —— in Emory's Rep.
1849 Walpers Annales I
1849 Engelm in Plant Fendl
1850 Salm Hort Dyck in ann. 1849
1846–1850 Pfeiffer. Abbild publ vol II
1850 Engelm in Pl. Lindh. II
1852 Walpers Annal II
1853 —— —— III
1853 Labouret
1856 Engelm & Bigelow Cact Whipple
1856 Engelmann Synopsis
1858 Walpers Annal V
1859 Engelmann Cact Mex Bound
1860 Chapm South Flor
1861 ~~Engelmann~~ Cact Exp Ives
1863 —— Add'l. Cact. Trans St Louis II. 1

Lemaire in Hort univ. 1. 223

~~27~~

~~2~~ Walp. Rep. 2. ~~1843~~ 5 ~~1846~~

~~2~~ ~~32~~ . 33 ~~37~~ Ann. 1. ~~1849~~ 2. ~~1852~~ 3 ~~1853~~ 5 ~~1858~~ 37

~~36~~ ~~Eng. Synops. 1856~~ ~~Wislizenus mem. 1848~~ 25 Pl. Fendl. ~~1849~~ 8

~~3~~ ~~21~~ 6 ~~38~~ ~~Cact. Mex Bound. 1859~~ 38 Cact. Ives ~~1861~~ ~~39~~ Pl. Lindh. ~~1.~~ 1845 21 6 ~~II. 1850~~ 31

~~35~~ ~~40~~ 39 ~~Diplom. Cact. Whipple 1856~~ (Add'l. Cact.) ~~Trans Acad StLouis II. 1. 1863~~ ~~40~~

~~12~~ ~~Haworth Syn 1812 Suppl. 1819 Rev. 1821~~

~~5 Martius Nov. Nopal. 1832~~

~~3~~ ~~14~~ 30 Pfeiffer. ~~Enum.~~ 1837 Abbild. tab ~~43~~ 43 ~~I 1843 II 1846 1850~~ 30 tab 30

~~16 Miquel Melocact. 1841~~

~~5 Link & Otto 1827~~

~~21 Foerster 1846~~

~~14~~ 15 Lemaire Cact. nov. gen. & spec. ~~H. Monville.~~ 1839 (Hort. Cact. Monv. 1838) ~~Icon 1841~~

~~20 Manual 1845.~~

~~6 7 8 9 DC Revue 1829 Pl. Grass. 1799-1829 Prod. III 1818.~~

~~34 Labouret 1853~~

~~26 Emory Rep. 1848~~

~~3~~ ~~11~~ ~~17~~ ~~22~~ 29 Salm. ~~Obs. bot. 1820-22~~ ~~H. D. 1834~~ 11. ~~1841~~ 17 . ~~1845~~ 22 . ~~1850~~ 29 .

~~10~~ ~~Zuccarini~~ Pl. Nov. 1832 ~~II~~ ~~fasc. 1. 1832~~

~~3. 1837~~

~~5. 1845~~

~~12~~

~~21a~~

glaucescens (Ech)

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